Atty. Docket No.: LeA 36 814

New Claims (Attorney Docket No. LeA 36 814)

12. (New) The process of claim 5, where X is a suitable leaving group selected from chlorine and pentafluorophenoxy.

- 13. (New) The process of claim 5, where Y is a suitable leaving group selected from triflate and halogen.
- 14. (New) The process of claim 13, where the halogen is bromine or iodine.

Amended Claims (Attorney Docket No. LeA 36 814)

1. (Currently amended) A compound of the formula

in which

 R^1 is a group of the formula -NR²-CO-NR³R⁴, -NR²-CO-CO-OR⁵, -NH-SO₂R⁶, -SO₂NHR⁷ or -NH-CO-R⁸, where

R² is hydrogen or C₁-C₆-alkyl,

 R^3 and R^4 — are independently of one another hydrogen, $C_1\text{-}C_6\text{-}alkyl,\,C_3\text{-}C_8\text{-}$ cycloalkyl or phenyl, which is optionally substituted by up to 3 radicals independently of one another selected from the group of halogen, cyano, $C_1\text{-}C_6\text{-}alkyl,\,C_1\text{-}C_6\text{-}alkoxy,\,trifluoromethyl}$ and trifluoromethoxy, or

R³ and R⁴ together with the nitrogen atom to which they are bonded form a 5to 6-membered heterocyclyl,

 R^5 is hydrogen, C_1 - C_6 -alkyl, C_3 - C_8 -cycloalkyl or aryl, where C_1 - C_6 -alkyl is optionally substituted by aryl,

 R^6 is C_1 - C_6 -alkyl, C_3 - C_8 -cycloalkyl, 5- to 6-membered heterocyclyl, aryl or 5- to 6-membered heteroaryl, where C_1 - C_6 -alkyl is optionally substituted by aryl,

 R^7 is hydrogen, C_1 - C_6 -alkyl, C_3 - C_8 -cycloalkyl, 5- to 6-membered heterocyclyl, aryl or 5- to 6-membered heteroaryl, where C_1 - C_6 -alkyl is optionally substituted by aryl,

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 R^8 is C_3 - C_8 -cycloalkyl, C_1 - C_6 -alkyl or phenyl, where C_1 - C_6 -alkyl is substituted by C_1 - C_6 -alkoxy and phenyl by 1 to 3 radicals independently of one another selected from the group of halogen, cyano, C_1 - C_6 -alkyl, C_1 - C_6 -alkoxy, trifluoromethyl and trifluoromethoxy,

and or the salts, solvates and solvates of the salts thereof.

- 2. (Currently amended) The compound as claimed in claim 1, where
 - R¹ is a group of the formula -NR²-CO-NR³R⁴, -NR²-CO-CO-OR⁵, -NH-SO₂R⁶, -SO₂NHR⁷ or -NH-CO-R⁸, where

 R^2 is hydrogen or C_1 - C_4 -alkyl,

R³ and R⁴ are independently of one another hydrogen, C₁-C₄-alkyl, C₃-C₆-cycloalkyl or phenyl, which is optionally substituted by up to 2 radicals independently of one another selected from the group of fluorine, chlorine, bromine, cyano, C₁-C₄-alkyl, C₁-C₄-alkoxy, trifluoromethyl and trifluoromethoxy, or

R³ and R⁴ together with the nitrogen atom to which they are bonded form a 5- to 6-membered heterocyclyl,

 R^5 is hydrogen, C_1 - C_4 -alkyl, C_3 - C_6 -cycloalkyl, or aryl, where C_1 - C_4 -alkyl is optionally substituted by aryl,

 R^6 is C_1 - C_4 -alkyl, C_3 - C_6 -cycloalkyl, 5- to 6-membered heterocyclyl, aryl or 5- to 6-membered heteroaryl, where C_1 - C_4 -alkyl is optionally substituted by aryl,

 R^7 is hydrogen, C_1 - C_4 -alkyl, C_3 - C_6 -cycloalkyl, 5- to 6-membered heterocyclyl, aryl or 5- to 6-membered heteroaryl, where C_1 - C_4 -alkyl is optionally substituted by aryl,

 R^8 is C_3 - C_6 -cycloalkyl, C_1 - C_4 -alkyl or phenyl, where C_1 - C_4 -alkyl is substituted by C_1 - C_4 -alkoxy and phenyl by 1 to 2 radicals

independently of one another selected from the group of fluorine, chlorine, bromine, cyano, C₁-C₄-alkyl, C₁-C₄-alkoxy, trifluoromethyl and trifluoromethoxy,

and or the salts, solvates and solvates of the salts thereof.

- 3. (Currently amended) The compound as claimed in either of claims claim 1 and 2, where
 - R¹ is a group of the formula –NH-CO-NHR³, -NH-CO-CO-OH, -NH-SO₂R⁶, -SO₂NHR⁷ or -NH-CO-R⁸, where
 - R^3 is hydrogen, C_1 - C_4 -alkyl, C_5 - C_6 -cycloalkyl or phenyl, which is optionally substituted by C_1 - C_4 -alkoxy,
 - R^6 is C_1 - C_4 -alkyl or phenyl, where C_1 - C_4 -alkyl is optionally substituted by phenyl,
 - R⁷ is hydrogen or C₁-C₄-alkyl which is optionally substituted by phenyl,
 - R⁸ is C₅-C₆-cycloalkyl, methoxymethyl or phenyl which is substituted by fluorine or chlorine,

and or the salts, solvates and solvates of the salts thereof.

4. (Currently amended) The A compound as claimed in any of claims 1, 2 or 3, of the formula

in which R^1 has the meanings indicated in claim 1, and or the salts, solvates and solvates of the salts thereof.

- (Currently amended) A process for preparing compounds as claimed in claims 1 to 4, characterized in that
 - [A] compounds of the formula

in which

X is hydroxy or a suitable leaving group such as, for example, chlorine or pentafluorophenoxy,

are reacted with a compound of the formula

$$H_2N$$
 (III),

in which

R¹ has the meanings indicated in claim 1,

in an inert solvent, where appropriate in the presence of a condensing agent and where appropriate in the presence of a base,

or

[B] compounds of the formula (II) initially are reacted with a compound of the formula

in which

Y is a suitable leaving group such as, for example, triflate or halogen, preferably bromine or iodine,

where appropriate in an inert solvent, where appropriate in the presence of a condensing agent and where appropriate in the presence of a base to give compounds of the formula

in which

Y has the abovementioned meanings,

and the latter are then reacted in a coupling reaction with compounds of the formula

in which

R¹ has the meanings indicated in claim 1, and

R⁹ is hydrogen or methyl, or the two radicals together form a CH₂CH₂ or C(CH₃)₂-C(CH₃)₂ bridge,

in an inert solvent in the presence of a suitable catalyst and in the presence of a base, and the resulting compounds of the formula I are reacted where appropriate with the appropriate (i) solvents and/or (ii) bases or acids to give the solvates, salts and/or solvates of the salts thereof.

- 6. (Cancelled).
- 7. (Original) A medicament comprising at least one of the compounds as claimed in any of claims 1 to 4 mixed with at least one pharmaceutically acceptable, essentially nontoxic carrier or excipient.

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- 8. (Cancelled).
- 9. (Cancelled).
- 10. (Currently amended) A method for the treatment and/or prophylaxis of impairments of perception, concentration, learning and/or memory in humans and animals by comprising administering to said human or animal an effective amount of at least one compound as claimed in any of claims 1 to 4.
- 11. (Cancelled).